

WHAT IS CLAIMED IS:

1. A water-using unit, comprising:

a treated water source integral with the unit;

a host system performing host functions, said host system coupled to said treated water source; and

a control system coupled to and controlling operation of said treated water source and said host system.

2. The unit of Claim 1, wherein said treated water source comprises a reverse osmosis system.

3. The unit of Claim 1, wherein said treated water source comprises a reservoir.

4. The unit of Claim 3, and further comprising a cooling source, said reservoir located proximate said cooling source.

5. The unit of Claim 1, wherein said treated water source comprises a reverse osmosis system and a reservoir.

6. The unit of Claim 1, and further comprising:

a condenser coupled to said host system; and

reject water, said reject water passing proximate said condenser to assist in heat removal.

7. The unit of Claim 1, and further comprising:

a condenser coupled to said host system; and

inlet water, said inlet water passing proximate said condenser to assist in heat removal.

8. The unit of Claim 1, wherein said host system comprises an ice making system.
9. The unit of Claim 8, wherein said treated water source comprises a reservoir.
10. The unit of Claim 9, wherein said ice making system includes a cooling source, said reservoir located proximate said cooling source.
11. The unit of Claim 10, wherein said cooling source comprises an evaporator.
12. The unit of Claim 10, wherein said cooling source comprises ice.
13. The unit of Claim 8, wherein said control system causes water to be pulsed in said ice making system.
14. The unit of Claim 8, wherein said treated water source includes a reservoir, and water not frozen in said ice making system is returned to said reservoir.
15. The unit of Claim 1, wherein said host system comprises a beverage dispensing system.
16. The unit of Claim 15, wherein said treated water source comprises a reservoir.
17. The unit of Claim 16, wherein said beverage dispensing system includes a cooling source, said reservoir located proximate said cooling source.
18. The unit of Claim 16, wherein said beverage dispensing system includes:
- a carbonator coupled to said reservoir, said carbonator generating carbonated water;
 - at least one supply of syrup; and
 - a plain water circuit for non-carbonated water, such that carbonated and non-carbonated beverages may be dispensed.
19. The unit of Claim 18, and further comprising at least one supply of flavor, such that flavors may be added to the carbonated and non-carbonated beverages.

20. A system, comprising:

a water-using unit including a treated water source integral with the unit and a host system performing host functions, said host system coupled to said treated water source; and

a separate unit remote from said water using unit, said separate unit coupled to said treated water source.

21. The system of Claim 20 wherein said treated water source comprises a reverse osmosis system.

22. The system of Claim 21, wherein said treated water source further comprises a reservoir coupled to said reverse osmosis system.

23. The system of Claim 20 wherein said treated water source comprises a reservoir.

24. The system of Claim 23, and further comprising a cooling source, said reservoir located proximate said cooling source.

25. The system of Claim 20, wherein said host system comprises an ice making system.

26. The system of Claim 25, wherein said separate unit comprises a beverage dispenser.

27. The system of Claim 25, wherein:

said treated water source comprises a reservoir; and

said ice making system includes a cooling source, said reservoir located proximate said cooling source.

28. The system of Claim 20, wherein said host system comprises a beverage dispensing system.

29. The system of Claim 28, wherein said separate unit comprises an ice maker.

30. The system of Claim 28, wherein said treated water source comprises a reverse osmosis

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system and a reservoir, said reservoir coupled to said beverage dispensing system.

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